

## Accoya® Cladding

A modified timber which, due to its outstanding dimensional stability and unrivalled durability properties, is ideal for projects which require a long-lasting factory-coated finish.

### Appearance

It is highly recommended that Accoya® wood is coated, with an opaque (solid) finish, as its outstanding dimensional stability properties ensure a clean, sound surface; the perfect coating substrate. Virtually no shelling, cracking, checking or fissuring will occur, and the paint can be expected to last at least twice as long as on unmodified woods. In its natural form, Accoya® wood is a cream/light straw colour.

### Durability

Accoya® wood boasts outstanding and consistent durability properties, being categorised as Class 1 (by BS EN 350-2) – the highest possible rating for timber. After each batch of timber has been modified, its properties are analysed, ensuring that the durability at least matches, and in many cases exceeds, the performance of the world's most naturally durable species. The wood is virtually rot-proof, which helps to ensure that, when properly maintained, it can be expected to have a lifespan of over 100 years when subject to general outdoor exposure.

### Stability

A key feature of Accoya® wood is its outstanding dimensional stability. Opaque coatings can last at least twice as long which reduces maintenance frequency. Designs which require clean, crisp lines will look fantastic, and will last for many years, as the modified wood will experience minimal swelling and shrinkage.

These enviable stability levels are a result of the modification process, which changes the structure of the timber and results in it having an extremely low moisture content of 8%.

### Coating Suitability

By combining the impressive benefits of factory coating with the incredible stability and durability of Accoya® wood, remarkable results can be achieved. Timber swelling and shrinkage is virtually eliminated in Accoya® wood, meaning that the factory coating is not subjected to such severe stretch and shrink cycles. This enables the coating to last for up to three times longer, thereby substantially reducing maintenance frequency and associated costs. Accoya® wood is one of the few timbers listed as durability Class 1, meaning that it is virtually rot proof. The advantages of this are that the overall lifetime value of the product is extremely high and it provides a perfect coating substrate.

### Fixings

How timber is fixed is fundamental to its long term performance in terms of both appearance and durability. We offer a range of fixings and systems to make cladding look better and last longer. These systems can be written into the NBS H21 specification.

### Surface Finishes

**Wire brushed** - Wire brushes are used to pull out early wood, exposing the harder late wood and accentuating the grain to create a beautifully textured surface.

**Planed** - Boards are run through our planing mill to create a smooth, dressed finish.

### RUSSWOOD ACCOYA® SPECIFICATION

Grade A1 Accoya® wood which has four sides primarily clear and an allowance per length of;

- Combined total of up to three 8mm pin knots and/or bark or resin pockets (for boards less than 50mm in thickness)
- Combined total of up to six 15mm knots and/or 10mm wide/100mm long bark or resin pockets (for boards over 50mm in thickness)
- Three resin streaks up to 8mm wide/100mm long
- Three surface checks, up to 1mm wide, 250mm long
- End splits/other defects at end of board allowable within 200mm of end with no limit on size; either on one end or a sum of 200mm on both ends
- Durability Class 1 (BS EN 350-2 classification)
- Modified timber which is FSC® certified, non-toxic and fully recyclable
- Moisture content of less than 8% ensures unrivalled dimensional stability

### Recommended Profiles

Please note that others are available especially with sawn face coated applications.

RW014



RW119



RW119 (15mm Performance Profile)

